

Latest rev 4-04-14
THE NAVAJO NATION
DEPARTMENT OF INFORMATION TECHNOLOGY

“Our goal is to purchase a computer system that will not be obsolete or outdated equipment for at least 3-years. It must be covered by 3-years of warranty” And should provide a consistent user experience and have a standard of management capabilities.

LAPTOP/NOTEBOOK MINIMUM RECOMMENDED COMPUTER SPECIFICATIONS FOR STANDARD MOBILE USER

- **BRAND:**
HP, DELL, Lenovo, Toshiba, etc, (the well-known names in the industry). ***Do not purchase consumer (home, media, student) class notebooks.*** Always purchase business class products for the longer life cycles, quality, support and manageability.

Recommend business rugged notebook (MilSpec 810G)
- **INTEL PROCESSOR:**
Recommended: i5 or i7 processors or higher

Recommend Intel® vPro Technologies if this technology may be used in the future. Processors above support vPro.
- **System board:**
Required features:
TPM 1.2
Wake-on-LAN
PXE
Remote Configuration
Administrative password
Integrated Graphics
Integrated Gigabit Network
Integrated Audio
Computrace in Bios
- **MEMORY:**
4 GB (1 memory stick) or 8 GB (2 memory sticks) of DDR3 memory
Note - 32 bit OS supports a maximum of 4GB RAM. Recommend using manufacturer memory (vs third party) for full support of unit.
- **HARD DRIVE:**
500GB 7200rpm SATA
or
Solid State Drive (SSD) – 128GB, 180GB or 240GB (SSDs are fast and reliable)
- **DVD BURNER DRIVE:**
Most thin lightweight notebooks do not come with internal optical drive. Optional external Mobile USB DVD/RW drive is available. Internal DVD/RW drives are available in larger notebooks.
- **OPERATING SYSTEM:**
Microsoft Windows 7 Professional 32 or 64 bit with Win 8 upgrade license

Microsoft Windows 8 is recommended for touch devices.
- **Ethernet Port:**
Recommended to connect to network; option is to connect via docking station
- **WIRELESS CARD:**
Wireless Wi-Fi 802.11 a/b/g/n Network Interface Card.
- **BLUETOOTH:**
Bluetooth is an open wireless technology used to connect to external Bluetooth devices.
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- **FINGERPRINT READER (OPTIONAL):**

Optional integrated fingerprint reader that augments normal passwords.

- **BATTERY:** Batteries normally come with 1 year warranty. Recommend Long Life battery or 3 year warranty uplift if available for better performance and 3 year warranty.
- **CARRY CASE: (Optional)**
Purchase a carry case that is convenient and comfortable for you. Include printer compartment, if purchasing portable printer.
- **WEBCAM (Optional):** usually standard with most devices but can be optional
- **SCREEN SIZE:**
Choosing your notebook's screen size is very important decision. Someone that travels often might seriously consider a smaller notebook that weighs less. Someone that uses their notebook instead of a desktop might require more power and a larger screen.

Options: 11.6", 12.5", 14.0", 15.6", 17"

Tip: The new standard for screens is LED, which is brighter and requires less power.

- **DOCKING STATION OR PORT REPLICATOR (OPTIONAL):**

Minimum: notebook should support use of a docking station

Recommended: Docking station purchased with notebook

- **APPLICATION SOFTWARE:**

Microsoft Office latest Professional Full Version

- **ANTIVIRUS/SPYWARE/ADWARE/FIREWALL:**

Kaspersky Internet Security (Latest Version) 3-Year License

- **CAR CHARGER (Optional):**

- **WARRANTY:**

3-Year Parts and Labor Mail-in Warranty

Below options may be added:

- Disk Media Retention (DMR) (allows users to keep bad hard drive for mail in service; recommended for compliance and sensitive data).
- Accidental Damage Protection (unlimited laptop repair in case of accidental damage)
- Computrace (to locate/recover laptop in case of theft or loss and wipe hard drive remotely)

US Based Support is preferred.